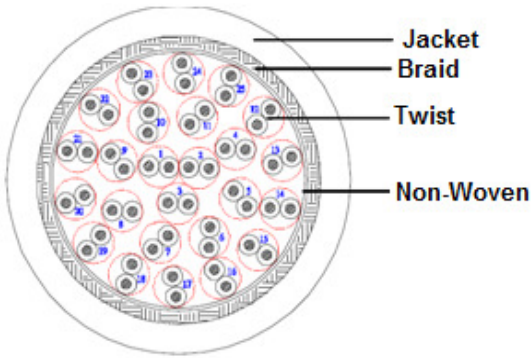


Cross Section



Marking

E148000 AWM STYLE 2789 60°C 30V VW-1-LF-PCXX

Description

Rated Voltage (V) 30
 Rated Temperature (°C) 60
 Product SBlackdard Certification UL
 Flammability Test VW-1
 Application
 Internal wiring or external interconnection of electronic equipment.
 Reference SBlackdard
 UL758, UL1581, CSA C22.2 No210

Construction

50 Cores Stranded Tinned Copper 25P
 AWG 28
 Construction 7/0.127
 Dia. (mm) 0.38
Insulation SR-PVC
 Min. Thickness (mm) 0.08
 Nom. Thickness (mm) 0.11
 Insulation Dia. (±0.08mm) 0.60
Cores Twist 2C
Direction S
 Assembly Construction 25P
Direction S
 Non-Woven (overlapping,%) >=25%
Braid Tinned copper
 Construction (mm) 24/7/0.12
 Coverage (%) >=80
Jacket PVC
 Min. Thickness (mm) 0.61
 Nom. Thickness (mm) 0.76
 Outer Dia. (±0.35mm) 8.15

Color

Wire identification colors

Pair	Color of Insulation	Pair	Color of Insulation
1	White-Black	14	Black-Yellow
2	White-Brown	15	Black-Green
3	White-Red	16	Black-Blue
4	White-Orange	17	Black-Purple
5	White-Yellow	18	Black-Gray
6	White-Green	19	Black-Pink
7	White-Blue	20	Brown-Red
8	White-Purple	21	Brown-Orange
9	White-Gray	22	Brown-Yellow
10	White-Pink	23	Brown-Green
11	Black-Brown	24	Brown-Blue
12	Black-Red	25	Brown-Purple
13	Black-Orange		

Jacket

According to the customer's requirements.

Performance

Electrical Characteristics(20°C)

Max. Conductor DC Resistance (ohms/km) 239
 Dielectric Strength (kV/min,AC) 0.5
 Min. Insulation DC Resistance(MΩ.km) 10

Mechanical Characteristics:

Test Object	Insulation	Jacket
Test Material	SR-PVC	PVC
Before Tensile Strength (Mpa)	≥20.7	≥10.30
Aging Elongation (%)	≥100	≥100
Aging Condition(°C)	100±2°C x 168 hrs	
After Tensile Strength (Mpa)	≥70% of original	≥70% of original
Aging Elongation (%)	≥70% of original	≥65% of original

BMM140890-2

Sample No: -----

ASM P/N : SK-B2789-609

Ref. spec No.: Rev.: 0

Revision History



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- LTK Electric Wire (Jintan) Ltd
- Dalian LTK Electric Wire Ltd
- Huizhou LTK Electronic Cable Ltd
- LTK Cable (Chongqing) Ltd

Prepared by: BMM 24-Oct-14 Table No.:TFA046 Rev.:6
 Approved by: KAKA 24-Oct-14 Page 1 of 1

*** Usage instruction:**

Not to be used directly in corrosive environments such as strong acids and strong alkaline. not be immersed in water or in a high humidity environment. not be exposed in the sunlight outdoor. It is suggested the wiring minimum bending radius shall be 5 times OD and more, and can not be used in strong stress conditions. The wire needs to be stored indoors, in a dry and ventilated environment. If there's some special requirements for wire , please contact with our sales . When customers purchase our products,they should test to verify whether the products is applicable to the usage.